IVANCHENKO, G. Ye.; GEL'FAND, F.M.; YEFIMOV, V.V.

Operating conditions of the vibration percussion mechanism of the VBU-1 drill. Nauch. trudy KNIUI no.13:332-335 '64
(MIRA 18:1)

IVANCHENKO, G.Ye., prof., doktor tekhn. nauk

The Karaganda Coal Institute is fighting for technical progress.
Ugol' 38 no.8:39-40 Ag '63. (MIRA 17:11)

1. Direktor Karagandinskogo nauchno-issledovatel'skogo ugol'nogo instituta.

IVANCHENKO, G.Ye.; PESIN, N.Ya.; BEVZIK, Yu.Ya. [deceased]; ZELINOV, K.G.; MASTER, A.A.; POLOVNEV, G.P.

Technology of wide benching and its economic efficiency. Nauch. trudy KNIUI no.14:372-383 '64. (MIRA 18:4)

IVANCHENKO, G.Ye.

Basis and area of using a controlled asynchronous two-motor drive of a mine hoisting machine. Nauch. trudy KNIUI no.15: 160-168 '64. (MIRA 18:8)

IVANCHENKO, G.S.; SHCHUKIN, N.G.

Principal automatic control system (SAU) of hoisting equipment with two-motor drives and controlled dynamic braking. Nauch. trudy KNIUI no.15:175-178 '64.

Some problems in the theory and calculation of automatic control systems of skip hoisting equipment with two-motor drives. Ibid.:179-185 (MIRA 18:8)

IVANCHENKO, G.Ye.

Investigating the transient processes of hoisting machinery controlled by a travel regulator with a course and speed indicator and the calculation of parameters of the regulator. Nauch. trudy KNIUI no.15:186-192 '64. (MIRA 18:8)

IVANCHENKO, G.Ye.; SHCHUKIN, N.G.; YERMOSHKIN, A.V.

Laboratory investigation of the process of executing a speed tachogram with an automatic control system by two-motor drives. Nauch. trudy KNIUI no.15:192-195 '64. (MIRA 18:8)

IVANCHENKO, G.Ye.; TIKHONOV, V.Ya.; BYR'KA, V.F.; KAN, Sh.U.

Determining the transient process in a stepped-relay system of automatic control with a multiple series operation of the regulator. Nauch. trudy KNIUI no.15:196-221 '64.
(MIRA 18:8)

IVANCHENKO, G.Z.; IVANCHENKO, YE. A.

Grafting, Potatoes

Grafting as a means of improving intravarietal potato hybrids., Agrobiologiia, no. 6, 1951. Vsesoyuznyy nauchno-issledovatel'skiy institut spirtovoy promyshlennosti. Moskovskaya sel'skokhozyay-

Monthly List of Russian Accessions, Library of Congress, May 1952, UNCLASSIFIED. stvennaya opytnaya stantsiya. Tatarinovo, Moskovskoy oblasti

IVANCHENKO,G.Z.; IVANCHENKO,Ye.A.

Breeding potatoes for industrial use at the Moscow Agricultural Experiment Station. Trudy VNIISP no.4:24-31 '54. (MIRA 8:12)
(Potato breeding)

IVANCHENKO,G.Z.; ROZHDESTVENSKAYA,A.A.

Phytophthora-resistant varieties and hybrids of potatoes. Trudy VNIISP no.4:42-51 '54. (MLRA 8:12)
(Potatoes--Varieties)

IVANCHENKO, G. Z.

"The principles of selection of technical varieties of potatoes resistant to wart and phytophthora." Acad Sci USSR. Inst of Genetics. Moscow, 1956. (Dissertation for the Degree of Candidate in Biological Sciences).

SO: Knizhnaya letopis', No.16,1956

COUNTRY : USSR
CATEGORY : Cultivated Plants. Potatoes, Vegetables, Cucurbits. M

ABS. JOUR. : RZhBiol., No. 23 1958 No. 104688

AUTHOR : Ivanchenko, G. Z.
INST. : Institute of Potato Farming
TITLE : A New Variety of Early Potato.

ORIG. PUB. : Mosk. kolkhoznik, 1958, No. 4, 21

ABSTRACT : A description of a new variety at the Institute of Farming, Lyubimets, obtained by crossing variety 3419 with 44 and Hindenburg. In variety trials, the new variety proved to be more productive than Priyekul'skiy family. The tubers are not effected by scab and wireworm. The variety is fairly resistant to phythora, canker, and diseases of degeneration.

Card: 1/1

IVANCHENKO, I.A., laureat Stalinskoy premii; ZABRODIN, P.A., laureat Stalinskoy premii; SIDOROV, Ye.A., laureat Stalinskoy premii; ZELEVICH, P.M., inzhener; redaktor; VERINA, G.P., tekhnicheskiy redaktor.

[Industrial methods and mechanization in reinforced concrete bridge construction] Industrializatsiia i mekhanizatsiia postroiki zhelezobetonnykh mostov. Moskva, Gos.transp.zhel-dor.izd-vo, 1952. 185 p. [Microfilm] (MLRA 7:10)

(Bridges, Concrete)

L 13055-63 EWT(1)/BDS AFFTC/ASD

ACCESSION NR: AT3002894 S/2927/62/000/000/0131/0135

AUTHOR: Gordiyenko, T. I.; Grotta, A. M.; Ivanchenko, I. A.; Savelov, V. N.; Yanovich, V. S.

TITLE: Peculiarities in obtaining a high-gain triode structure [Report of the All-Union Conference on Semiconductor Devices held in Tashkent from 2 to 7 October 1961]

SOURCE: Elektronno-dy*rochny*ye perekhody* v poluprovodnikakh. Tashkent, Izd-vo AN UzSSR, 1962, 131-135

TOPIC TAGS: germanium phototriode, high-gain germanium phototriode

ABSTRACT: Some peculiarities of the manufacturing process of high-sensitivity (1-10 amp/lum) Ge phototriodes with a gain of 100-300 and 40-50 per cent output efficiency are reported. Temperature conditions observed in the postalloyed diffusion process (formation of p-n-p structure) are reported: maximum temperature 760C, 2-hr annealing at 620C, cooling at the rate of 10C per min within 760-620C. A method of calculating the base thickness (6.5 microns) is set forth. Selection of the resistivity of source material (Ge with 3 ohm.cm and 0.7-mm diffusion

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ACCESSION NR: AT3002994

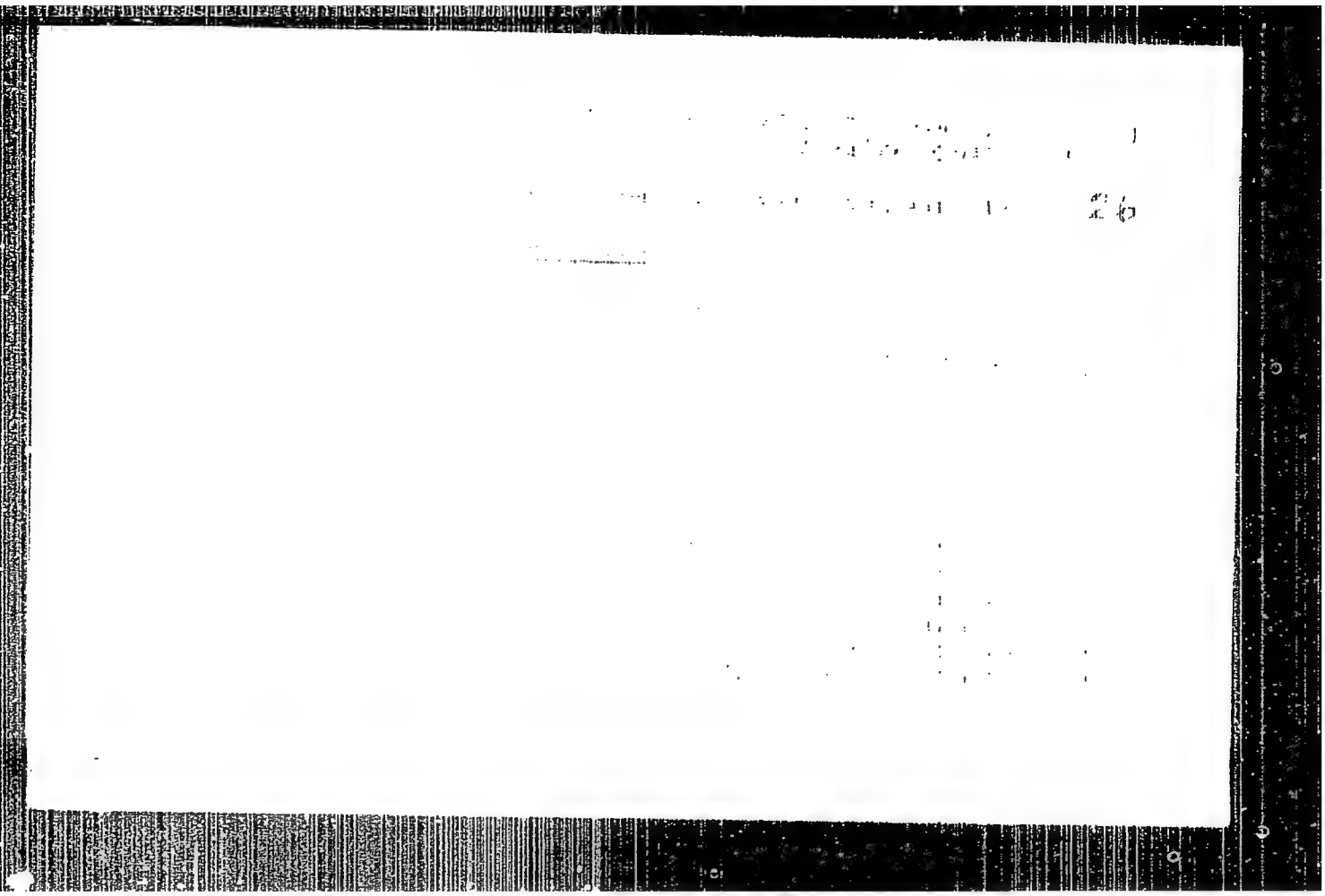
length) is discussed. In conclusion, an electrolytic method for cutting Ge is recommended: anode dissolution of Ge in water of 200-500 kohms with a 100-micron W filament as cathode. Orig. art. has: 1 figure and 9 formulas.

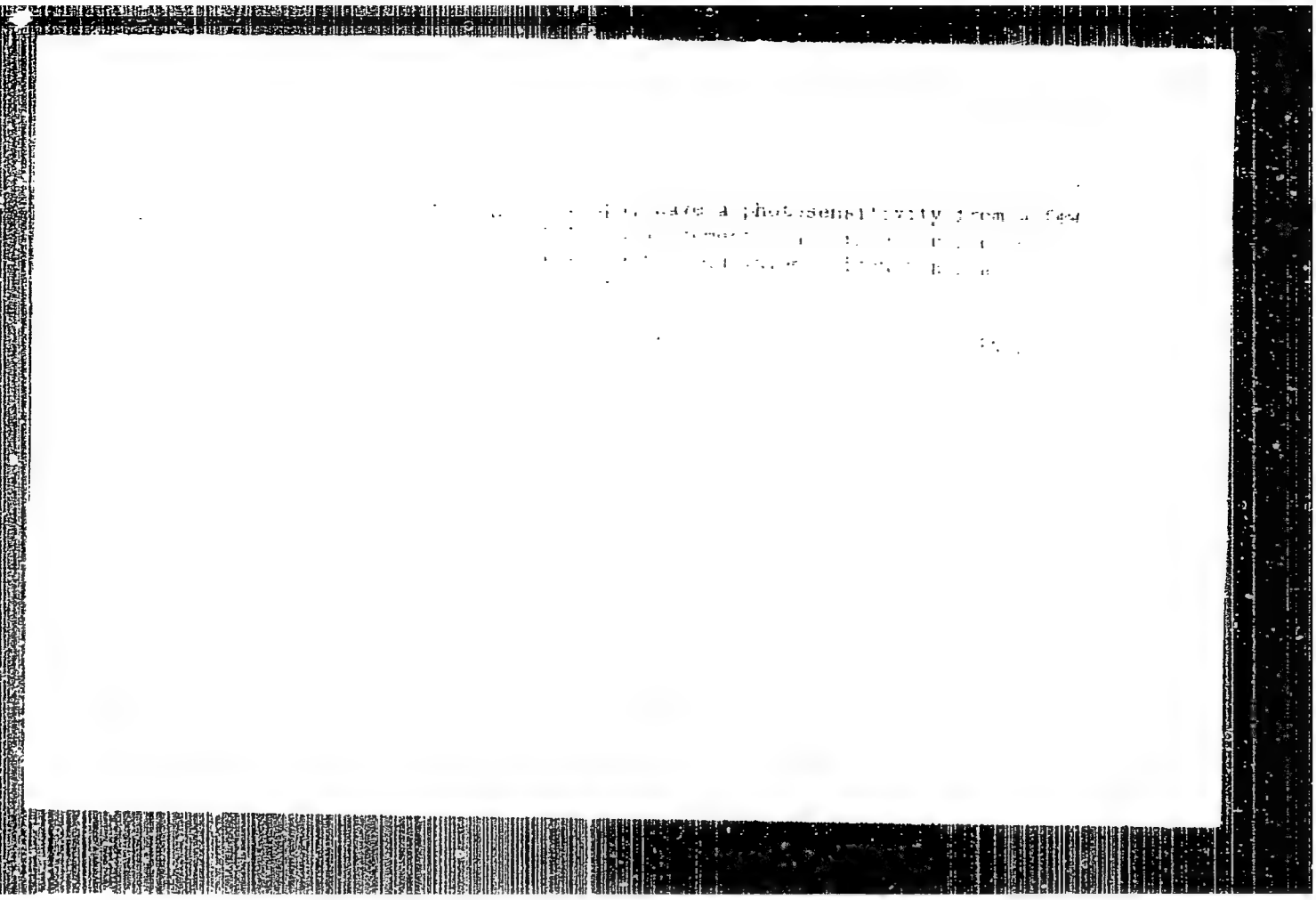
ASSOCIATION: Institut avtomatiki Gosplana UkrSSR (Institute of Automation, Gosplan, UkrSSR); Akademiya nauk SSSR (Academy of Sciences SSSR); Akademiya nauk Uzbekskoy SSR (Academy of Sciences UzSSR); Tashkentskiy gosudarstvenny*y universitet (Tashkent State University)

SUBMITTED: 00 DATE ACQ: 15May63 ENCL: 00

SUB CODE: 00 NO REF SOV: 000 OTHER: 000

Card 2/2





IVA[illegible] L.A.

The people thank them. Transp. stroi. 14 no.1:18-19 Ja '64.
(MIRA 17:8)

IVANCHENKO, I.F., Cand Tech Sci—(diss) "Dynamic study of automatized lifting platforms of rolling mills." Dnepropeprovsk, 1958. 24 pp with schematic drawings (Min of Higher Education UkSSR. Dnepropetrovsk Order of Labor Red Banner Metallurgical Inst im I.V. Stalin), 150 copies (KL,30-58, 127)

IVANCHENKO, I.G.

Quantitative determination of sodium citrate. Apt.delo 4 no.5 : 35 S-O '55. (MLRA 8:12)
(Sodium citrate)

AUTHOR: Ivanchenko, I.G. SOV/165-58-6-9/24

TITLE: The Struggle for the Maintenance of the Statutes of the Agricultural Artels in Turkmenistan in the Pre-War Years

PERIODICAL: Izvestiya Akademii nauk Turkmenskoy SSR, 1958, Nr 6, pp 65-73 (USSR)

ABSTRACT: The model statutes, which were fixed by the 2nd All-Union Collective Farmers' Congress in 1935, were violated in Turkmenistan, especially through the preferential apportionment of private land parcels and the quantities of water necessary for their watering at the expense of collective agricultural establishments. The cultivation of non-registered areas, on the other hand, influenced the productivity of the collective farms proper, whereby considerable sums of state money, awarded as unjustified premiums in this manner, also was lost. These practices were first eliminated in 1938. The application of the regulations of the decree of the Central Committee of the Communist Party and the SNK SSSR of May 27, 1939 concerning "the protective measures against the dissipation of collective property" put an end to the excess measuring out of private land parcels. The obligatory minimum on the work days

Card 1/2

The Struggle for the Maintenance of the Statutes of the Agricultural Artels in Turkmenistan in the Pre-War Years

given over to the collective, introduced by the same bodies from 1938 on, promoted the observation of work discipline and allowed the increase of the harvest yields. The offenses against the mentioned statutes were finally abolished, actually, only with the coming into force of the well-known decisions of the Central Committee of the Communist Party of the Soviet Union of 1953. There are 11 Soviet references.

ASSOCIATION: Respublikanskaya partshkola pri TsK KPSS (The Republican Party School under the Central Committee of the Turkmenian Communist Party)

SUBMITTED: October 15, 1957

IVANCHENKO, I.K. (pos.Chernomorskiy, Krasnodarskogo kraya)

Our experience in building houses using large brick building blocks.
Strei.pred.neft.prom. 1 no.5:25-26 Jl '56. (MLRA 9:9)
(Building blocks)

SOV/94-58-12-9/19

AUTHORS: Strakhov, K.I., Andrianov, S.I., Yakovlev, V.A., Ivanchenko, I.N. and Yakovich, A.I.

TITLE: A Continuously Operating Induction Heater for Heating Hot Stamping Tools (**Induktsionnyye** nagrevateli nepreryvnogo deystviya dlya nagreva shtampov)

PERIODICAL: Promyshlennaya Energetika, 1958, Nr 12, pp 20-21 (USSR)

ABSTRACT: Hot stamping tools are usually heated by tubular heaters but it takes a long time to heat the tools up in this way. The authors have developed a method of using induction heating for these tools. Insulated conductors are inserted in the tools as shown in the sketch and a 50 kVA transformer is used for supply. Conductor dimensions and current ratings are given. An electronic temperature controller is used. With this method of heating the tools are heated continuously and uniformly, the heating time is cut by a factor of five and is now 1.5 to 2 hours, production is of better quality and the power consumption is much less. This suggestion was

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SOV/94-58-12-9/19

A Continuously Operating Induction Heater for Heating Hot Stamping Tools

awarded a fourth premium in an All-Union Power Economy competition. There is 1 figure.

Card 2/2

IVANCHENKO, L.

Growing basin. Sov.shakht. 10 no.3:17-18 Mr '61. (MIRA 14:7)

1. Upravlyayushchiy trestom Novovolynskugol'.
(Lvov-Volyn Basin—Coal miners and mining)

IVANCHENKO, I.P., inzh.; BASIN, V.S., inzh.

SPGN-12 hill-drop planter for sugar beets. Trakt.i sel'khoz-mash. no.8:27-29 Ag '59. (MIRA 12:11)

1. Ukrainskiy nauchno-issledovatel'skiy institut sel'sko-khozyaystvennogo mashinostroyeniya (UkrNIISKhOM)
(Planters(Agricultural machinery))

KRYAT, P.I., inzh., IVANCHENKO, I.P., inzh.

Developing agricultural machinery for sugar beet growing. Trakt. i sel'khozmash. 30 no.8:22-24 Ag '60. (MIRA 13:8)

1. Ukrainskiy nauchno-issledovatel'skiy institut sel'skokhozyaystvennogo mashinostroyeniya.
(Agricultural machinery) (Sugar beets)

IVANCHENKO, I.P., inzh.

Machines for the segmentation of sugar beet seeds. Trakt. i sel'-khozmash. 30 no.8:24-26 Ag '60. (MIRA 13:8)

1. Ukrainskiy nauchno-issledovatel'skiy institut sel'skokhozyaystvennogo mashinostroyeniya.
(Sugar beets) (Agricultural machinery)

IVANCHENKO, I. P., Cand Tech Sci -- "Study of the process of granulating ~~the~~ glomerules of multi-sprout sugar-beet seeds ~~germinating in many sprouts~~ for the purpose of obtaining single-sprout seeds ~~of single sprouts~~." Minsk, 1961. (Acad of Agri BSSR. Belorus Sci Res Inst of Agri) (KL, 8-61, 243)

IVANCHENKO, I.P. (Khar'kov)

Designs and their realization. Nauka i zhyttia 11 no.9:27-29 S '61. (MIRA 14:10)

1. Zamestitel' direktora Ukrainskogo nauchno-issledovatel'skogo instituta sel'skokhozyaystvennogo mashinostroyeniya.
(Agricultural machinery)

IVANCHENKO, I.P., kand.sel'skokhozyaystvennykh nauk

New agricultural equipment. Mashinostroenie no.3:92-94 My-Je '62.
(MIRA 15:7)

1. Ukrainskiy nauchno-issledovatel'skiy institut sel'skokhozyaystvennogo mashinostroyeniya.
(Agricultural machinery)

IVANCHENKO, K. G., elektromekhanik

Efficient use of motor vehicles. Avtom., telem. i sviaz' 7 no.4:38-39 Ap '63. (MIRA 16:4)

1. Semipalatinskaya distantsiya signalizatsii i svyazi Kazakhskoy dorogi.

(Railroads--Equipment and supplies)
(Motor vehicles)

SHINKARENKO, V.L., inzh.; BREN'KO, G.G., inzh.; IVANCHENKO, L.M., inzh.

Automatic weighing of the pig iron in open-hearth plant mixers.
Stal' 22 no.10:956 O'62. (MIRA 15:10)
(Open-hearth furnaces--Equipment and supplies)

BREN'KO, G.G., inzh.; IVANCHENKO, L.M., inzh.; PINUS, Ya.S., inzh.; SHINKARENKO, V.L., inzh.

Automatic weighing of cast iron. Mekh.i avtom.proizv. 16 no.9:17-19 S '62. (MIRA 15:9)
(Cast iron) (Weighing machines) (Automation)

KOSTELOV, V.V.; VERNER, B.F.; IVANCHENKO, L.P.

Use of the fuming process for the treatment of complex cobalt-containing raw materials. TSvet. met. 33 no.6:37-42 Je '60. (MIRA 14:4)

(Nonferrous metals--Metallurgy) (Cobalt)

IVANCHENKO, L.V.

Continuous operations of the around-the-clock miner brigades. Ugol' Ukr. 4 no.10:29-30 O '60. (MIRA 13:10)

1. Upravlyayushchiy trestom Novovolynskugol'.
(Lvov-Volyn' Basin--Coal mines and mining)

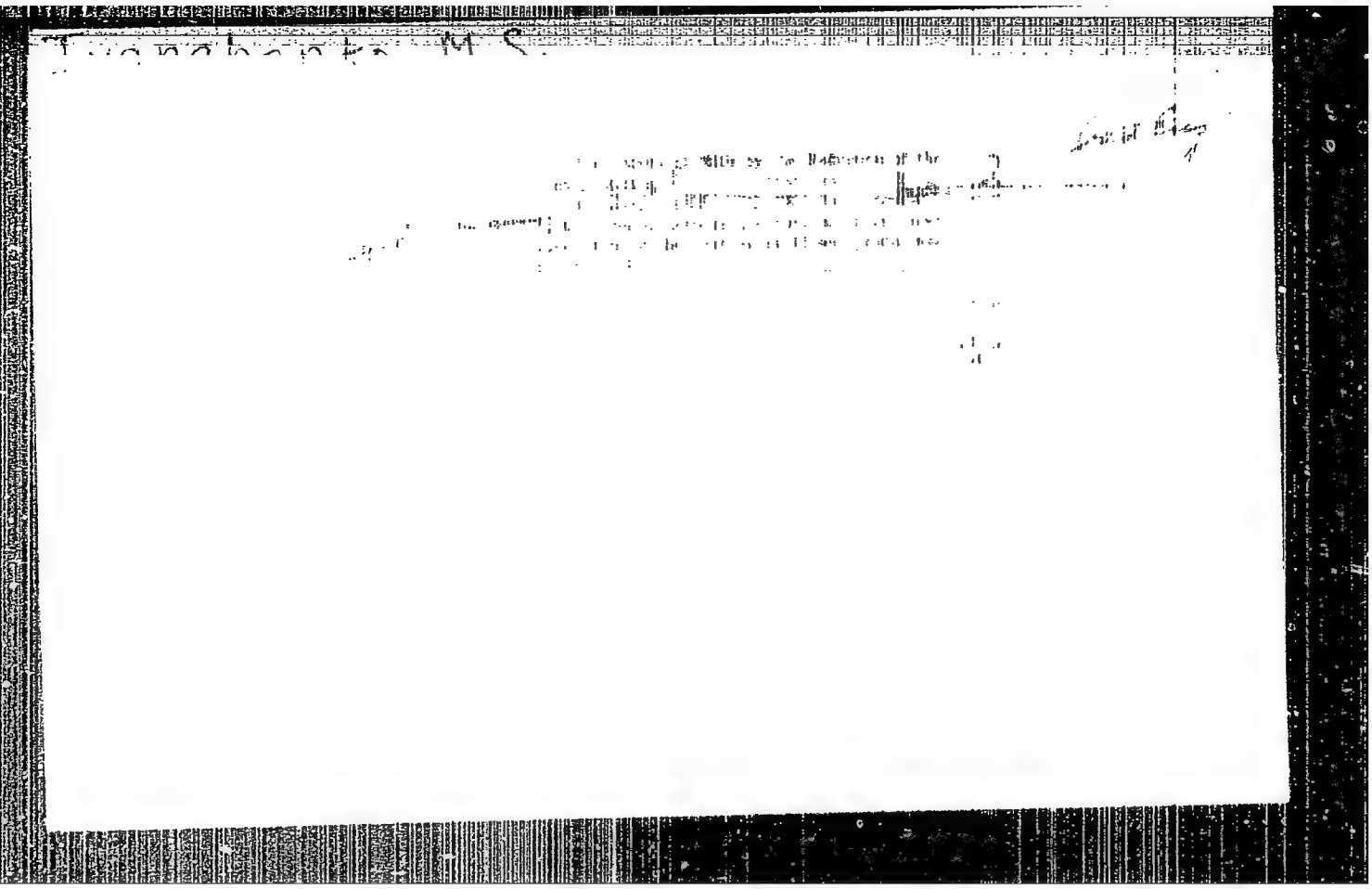
IVANCHENKO, M.I.

Engineers and technicians should not be handling unnecessary correspondence. Put' i put.khoz. 7 no.7:44-45 '63. (MIRA 16:10)

1. Starshiy inzh. stantsii Vysokogornaya, Dal'nevostochnoy dorogi.

MAKSIMOV, G.N.; IVANCHENKO, M.P.

Efficient utilization of electric power for mine ventilation.
Prom.energ. 16 no.7:5-6 Jl '61. (MIRA 15:1)
(Mine ventilation)
(Electricity in mining)



IVANCHENKO,N.I., elektrosvarshchik

Electric clamp device for use with parts of standard plaster scaffolding stanchions. Rats. i izobr. predl. v stroi. no.106: 10-11 '54. (MLRA 8:10)

(Plastering) (Welding)

IVANCHENKO, N.K.

New design of split armature windings. Sbor. nauch. trud. EINII 2:170-173 '62. (MIRA 16:8)

(Electric railway motors—Windings)

[illegible], V.V.

ANDREYEVSKIY, N.A.; BARANOV, S.M.; VANSHEYDT, V.A., professor, doktor tekhnicheskikh nauk; VELIKSON, D.M.; GENDLER, L.V.; [illegible]; ISTOMIN, P.A.; KATS, A.M. [deceased]; KOLLEROV, L.K.; LEVIN, M.I.; MIKITIN, M.D.; ROZHDESTVENSKIY, V.V.; GOFMAN, Ye.K., redaktor izdatel'stva; POL'SKAYA, R.G., tekhnicheskiy redaktor

[Diesel engines; a handbook for designers] Dizeli; spravochnoe posobie konstruktora. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1957. 442 p. (MLRA 10:10)
(Diesel engines)

VANSHEYDT, Vsevolod Aleksandrovich; IVANCHENKO, N.N., nauchnyy redaktor; SHAURAK, Ye.N., redaktor; FROMKIN, P.S., tekhnicheskiy redaktor

[Marine internal combustion engines; construction and power calculations] Sudovye dvigateli vnutrennego sgoraniia; konstruirovanie i raschety prochnosti. Leningrad, Gos.sciuznoe izd-vo sudostroit. promyshlennosti, 1957. 558 p. (MLRA 10:8)
(Marine engines)

IVANCHENKO, N. N.

KOIYCHEV, Nikolay Ivanovich; IVANCHENKO, N.N., nauchnyy red.; SHAURAK, Ye.N., red.; KONTOROVICH, A.I., tekhn.red.

[Marine internal combustion engines] Sudovye dvigateli vnutrennego sgoraniia. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl. 1957. 352 p. (MIRA 11:4)
(Marine engines)

PHASE I BOOK EXPLOITATION SOV/5049

Moscow. Tsentral'nyy nauchno-issledovatel'skiy dvigatelnyy institut.

Povysheniye ekonomichnosti i nadezhnosti dvigateley vnutrennego sgoraniya; doklady i soobshcheniya na nauchno-tekhnicheskoy konferentsii (Increasing the Economy and Improving the Reliability of Internal Combustion Engines; Reports and Transactions Presented at the Scientific and Technical Conference Held by the Department of Internal Combustion Engines, MVTU imeni Bauman) Moscow, Mashgiz, 1959. 219 p. Errata slip inserted. 4,500 copies printed.

Ed.: A.S. Orlin, Doctor of Technical Sciences; Ed. of Publishing House: L.I. Yagupkina; Tech. Ed.: V.P. Kiteva; Managing Ed. for Literature on Automotive, Tractor, and Agricultural Machine Building: I.M. Bumes, Engineer.

PURPOSE: This collection of articles is intended for scientific and engineering personnel of research institutes and machine-building plants.

COVERAGE: The collection contains reports and papers dealing with better economy and greater capacities for internal combustion engines. Experimental results are stated and their effectiveness evaluated. The conference took place in 1957. The introduction to the collection contains short memories of the articles. No personalities are mentioned. References follow several of the articles.

MORGULIS, Yu.B., kand.tekhn.nauk; IVANCHENKO, N.N., kand.tekhn.nauk, retsenzent; BASENTSYAN, A.A., inzh., red.; UVAROVA, A.F., tekhn.red.

[Internal combustion engines; theory, design, and construction] Dvigateli vnutrennego sgoraniia; teoriia, konstruktsiia i raschet. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959. 341 p. (MIRA 12:9)
(Gas and oil engines)

IVANCHENKO, N.N., kand.tekhn.nauk; MINKIN, Z.M., kand.tekhn.nauk

V.V. Arinkin's book "Improving the performance of the D100 diesel piston group. Energomashinostroenie 6 no.5:48 My '60. (MIRA 13:9)
(Diesel engines)
(Arinkin, V.V.)

Ivanchenko, N. N.

S/129/60/000/06/019/021
E073/E535

AUTHOR: Mints, R. I., Candidate of Technical Sciences

TITLE: All Union Scientific-Technical Seminar on Improving the Cavitation Resistance of Components, Sverdlovsk

PERIODICAL: Metallovedeniye i termicheskaya obrabotka metallov, 1960, Nr 6, pp 58-60 (USSR)

ABSTRACT: The seminar was held at the initiative of the Problems Laboratory for Metallurgy at the Ural Polytechnical Institute imeni S. M. Kirov jointly with other organizations. In the seminar representatives of research establishments and works from Sverdlovsk, Perm', Chelyabinsk, Barnaul, Gor'kiy, Orenburg, Leningrad, Yerevan, Murmansk, Khar'kov and other places participated. This report gives brief summaries of the following papers which were read:
G. D. Ter-Akopov, Candidate of Technical Sciences, "Cavitation failures in hydraulic turbines";
L. I. Ponomarskiy, Engineer, "Cavitation in hydraulic turbines"; M. I. Kurapovich, Engineer, "Cavitation failures in runners of centrifugal pumps"; Marinin, A.A., Engineer, "Cavitation failures in marine propellers";

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M. N. Ivanchenko, Candidate of Technical Sciences, "Cavitation failures in diesel engines"; A.P.Chervyakov, Engineer, "Increase of the cavitation-erosion stability of jacket and cylinder liners of the diesel engines D6 and D12"; I.N. Bogachev, Doctor of Technical Sciences, "Mechanism of the cavitation failure of metallic alloys and principle for the selection of such alloys"; R.I. Mints, Candidate of Technical Sciences, "Combatting cavitation failure by using surface-active additions to the liquid phase of closed systems"; R.Sh. Shklyar, Candidate of Technical Sciences, D.D.Klyusareva, Engineer, and N.N.Syutkin, Engineer, "Structural changes in the initial stages of cavitation failure"; T.M.Patukhova, Engineer, "Influence of the structure on the resistance to cavitation of bronze"; V.V.Gavrenek, Candidate of Technical Sciences and O.N. Bol'shutkin, Engineer, "Cavitation erosion of metals, thermal and mechanical effects in the cavitation zone".

Card 2/2

IVANCHENKO, N.N.; SOKOLOV, V.S.; STANKEVICH, V.V.

Pressure charging of diesel engines having chambers in pistons.
Trudy TSNIDI no.40:67-80 '60. (MIRA 15:8)
(Diesel engines)

VASIN, L.V., inzh.; AKHUN, B.N., inzh.; IVANCHENKO, N.N., kand. tekhn. nauk; KOLLEROV, L.K., kand. tekhn.nauk; NIKITINA, N.V., inzh.; SOKOLOV, S.S., kand. tekhn. nauk; FODIN, A.A., red.; YURKEVICH, M.P., red. izd-va; PETERSON, M.M., tekhn. red.; SPERANSKAYA, O.V., tekhn. red.

[Diesel and gas engines; catalog-handbook] Dizeli i gazovye dvigateli; katalog-spravochnik. Pod red. A.A.Fadina. Moskva, Mashgiz, 1961. 279 p. (MIRA 14:12)

1. Leningrad. TSentral'nyy nauchno-issledovatel'skiy dizel'nyy institut.

(Gas and oil engines)

IVANCHENKO, N.N., kand.tekhn.nauk; SOKOLOV, V.S., kand.tekhn.nauk

Adjusting the performance of diesel engines with a combustion chamber designed by the Central Research Institute for Diesel Engine. Trakt. i sel'khozmach. 31 no.3:5-6 Mr '61. (MIRA 14:3)
(Diesel engines--Testing)

VANSHEYDT, Vsevolod Aleksandrovich; SHISHKIN, V.G., kand. tekhn.nauk, dots.; ORLIN, A.S., doktor tekhn. nauk, prof., retsenzent; IVANCHENKO, N.N., kand. tekhn.nauk, starshiy nauchnyy sotr., retsenzent; NAYDENKO, O.K., kand. tekhn. nauk, nauchnyy red.; KONTOROVICH, A.I., tekhn. red.; KOROVENKO, Yu.N., tekhn.red.

[Marine internal combustion engines]Sudovye dvigateli vnutrennego sgoraniia. Leningrad, Sudpromgiz, 1962. 543 p. (MIRA 16:3)

(Marine engines)

GONCHAR, B.M., kand.tekhn.nauk; IVANCHENKO, N.N., kand.tekhn.nauk

Works of the Central Diesel-Engine Research Institute in the field of combined engine units. Izv.vys.ucheb.zav.; mashinostr. no.1:95-99 '62. (MIRA 15:4)

1. TSentral'nyy nauchno-issledovatel'skiy dizel'nyy institut.
(Diesel engines)

NAYDENKO, Oleg Konstantinovich; PETROV, Pavel Petrovich; IVANCHENKO, N.N., kand. tekhn. nauk, retsenzent; LUR'YE, I.A., kand. tekhn. nauk, retsenzent; KLYUKIN, I.I., nauchnyy red.; NIKITINA, R.D., red.; KOROVENKO, Yu.N., tekhn. red.

[Amortization of marine engines and mechanisms]Amortizatsiia sudovykh dvigatelei i mekhanizmov. Leningrad, Sudpromgiz, 1962. 287 p. (MIRA 15:11)
(Marine engines) (Amortization)

BALAKIN, V.I., red.; IVANCHENKO, N.N., red.; KOLLEROV, L.K., red.; LEVIN, M.I., red.; NIKITIN, M.D., red.

[Internal combustion engines; collection of papers dedicated to the memory of Professor Liudvig Karlovich Martens, Doctor of Technology] Dvigateli vnutrennego sgoraniia; sbornik rabot posviashchennyi pamiati doktora tekhnicheskikh nauk, professora Liudviga Karlovicha Martensa. Moskva, Mashinostroenie, 1965. 454 p. (MIRA 18:4)

L 38723-66 EWT(m)/T/EWP(t)/ETI IJP(c) DJ/JD/WB

ACC NR: AP6014153 (A) SOURCE CODE: UR/0114/65/000/012/0009/0011

AUTHOR: Ivanchenko, N. N. (Doctor of technical sciences)

56
55
B

ORG: None

TITLE: Effect which diesel design and operating conditions have on the cavitation erosion of cylinder blocks and sleeves

SOURCE: Energomashinostroyeniye, no. 12, 1965, 9-11

TOPIC TAGS: ~~cavitation,~~ diesel engine, vibration, engine cooling system, engine piston, engine cylinder, VIBRATION EFFECT, EROSION

ABSTRACT: The author studies basic problems of eliminating cavitation erosion of cylinder blocks and sleeves. These are: 1. development of design measures to prevent objectionable sleeve vibrations; 2. development of means to reduce cavitation processes with respect to sleeve vibration by efficient design of the water jacket; 3. increasing the resistance of surfaces to cavitation erosion; 4. reducing cavitation erosion by maintaining optimum temperature conditions, increasing water passivity and using anti-corrosion additives. It is found that the elimination of high frequency vibration in sleeves is the most efficient method for preventing pitting. Reducing piston slap is also recommended for reducing vibrations in cylinder sleeve walls. The effect which water jacket design and temperature conditions in the cooling system have on the in-

UDC: 621.436:620.193.16

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L 38723-66
ACC NR: AP6014153

tensity of cavitation erosion in sleeves and blocks is considered. The effect of material, machining quality, hardness and surface uniformity on resistance to cavitation erosion is studied. Accelerated testing to determine the efficiency of the given measures in reducing cavitation erosion is discussed. Increasing piston slap and maintaining temperature conditions conducive to cavitation erosion are some of the methods for saving time in accelerated testing. The author recommends that tests be run in multicylinder diesel engines, operating separate groups of cylinders under various conditions and using other cylinder groups as a reference control. The main advantage of this method is that testing and verification of all modifications are done under identical conditions. It is suggested that problems in elimination of cavitation erosion of sleeves and blocks should be dealt with in the design stage. Orig. art. has: 3 figures.

SUB CODE: 13/ SUBM DATE: none/ ORIG REF: 006/ OTH REF: 003

Card 2/2

GOL'SHTEYN, M.I.; ESTRIN, B.M.; IVANCHENKO, N.P.; AYZENBERG, S.A.

A compound method for the prevention of influenza and of acute catarrhs of the upper respiratory tract in metal workers at the G.I.Petrovskii Plant. Vop.virus. 1 no.2:10-13 Mr-Ap '56. (MLRA 10:1)

1. Kafedra epidemiologii Dnepropetrovskogo meditsinskogo instituta Dnepropetrovskaya gorodskaya sanitarno-epidemiologicheskaya i medikosanitarnaya chast' zavoda imeni G.I.Petrovskogo, Dnepropetrovsk.
(INFLUENZA, prevention and control, in indust. (Rus))
(COMMON COLD, prevention and control, in indust. (Rus))

S/153/60/003/004/023/040/XX
B020/B054

AUTHORS: Zhdanov, Yu. A., Dorofeyenko, G. N., Ivanchenko, N. V.

TITLE: Synthesis of Some Indole and Hexachlorane Derivatives of Monosaccharides

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Khimiya i khimicheskaya tekhnologiya, 1960, Vol. 3, No. 4, pp. 680 - 683

TEXT: The authors study the possibility of synthesizing some heterocyclic derivatives of carbohydrates by the Grignard reaction. For this purpose, they investigated the reaction of acetohalogenoses with indolyl magnesium bromide. It is known that organomagnesium compounds of the indole series form, as a rule, β-substituted indole derivatives under the action of alkyl- and acyl halides. The reaction of indolyl magnesium bromide with acetohalogenoses proceeds similarly, and yields β-indole derivatives of monosaccharides. The resulting β-indolyl sugars were further acetylated by acetic anhydride dissolved in pyridine, and isolated in the form of crystalline acetylated compounds. By means of the

Synthesis of Some Indole and Hexachlorane Derivatives of Monosaccharides

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Grignard reaction it was possible to synthesize β-indolyl tetraacetyl glucose, β-indolyl tetraacetyl galactose, and β-indolyl triacetyl xylose. The resulting compounds are C - C derivatives, not N-glucosides, which is confirmed by the presence of active hydrogen, and by the results of oxidation with permanganate. The synthesis of heterocyclic derivatives with a pyrrole radical was not possible in the way indicated. The authors continued the investigation of the halogenation of acetylated aryl sugars, and found that phenyl tetraacetyl galactose and phenyl triacetyl xylose, as well as phenyl tetraacetyl glucose (Ref.7), readily add six chlorine atoms, thus forming hexachloro cyclohexanone derivatives of carbohydrates which are isolated in sirupy consistency. The authors thoroughly describe the synthesis of β-indolyl tetraacetyl-d-glucose, β-indolyl tetraacetyl-d-galactose, β-indolyl triacetyl-d-xylose, and hexachloro cyclohexyl tetraacetyl-d-galactose, and study the reaction of 2,4-dimethyl pyrrole magnesium bromide with α-chloro tetraacetyl-d-glucose. There are 9 references: 5 Soviet, 2 US. and 2 German.

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Synthesis of Some Indole and Hexachlorane Derivatives of Monosaccharides

S/153/60/003/004/023/040/XX
B020/B054

ASSOCIATION: Rostovskiy-na-Donu gosudarstvennyy universitet, kafedra organicheskoy khimii (Rostov-na-Donu State University, Department of Organic Chemistry)

SUBMITTED: November 10, 1958

Card 3/3

IVANCHENKO, O.I., inzh.

Bolting of electric busbars. Elek.sta. 32 no.8:58-62 Ag '61.
(MIRA 14:10)
(Bus conductors (Electricity))

RUDNIK, S.S., professor; KARTANOV, S.O., kandidat tekhnicheskikh nauk, redaktor; IVANCHENKO, O.M., redaktor.

[The innovators in Soviet machine construction are the experts in high-speed metal cutting] Novatory radians'koho mashynobuduvannia - maistry shvydkisnoho rizannia metaliv. Kyiv [Vyd-va AN URSR] 1953. 39 p. (MLRA 8:2)

(Metal cutting)

SOV/110-58-12-18/22

AUTHOR: Ivanchenko, O.N., Engineer

TITLE: Experience of Testing Tropicalised Products (Iz opyta ispytaniy izdeliy v tropicheskom ispolnenii)

PERIODICAL: Vestnik Elektropromyshlennosti, 1958, Nr 12, p 70 (USSR)

ABSTRACT: This brief note discusses an article by Pomerants and Rivlina entitled "Corrosion tests simulating the conditions of a tropical climate" published in Vestnik Elektropromyshlennosti, 1958, Nr 6. The author claims that tropical tests can be made under more severe conditions than those described in the previous article without impairing the reliability of the results. Humidity-chamber tests were made at temperatures of 45 and 70°C and the higher temperatures were found the more suitable for accelerated tests. For example, in testing stainless steel, results are obtained three times as quickly at 70°C as at 45°C. The type of corrosion is the same in the two cases. It is recommended that the temperatures of 70°C should be used for tropical testing. In addition to the recommendations given in the previous article the use

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Experience of Testing Tropicalised Products

of cadmium plating for cast iron parts is now suggested.

Card 2/2

IVANCHENKO, O.N., inzh.; KURILOVA, A.A., inzh.; KOLOMIYCHENKO, G.D., inzh.

Coppering anf silvering of aluminum buses. Vest.elektroprom. 31 no.3:46-47 Mr '60. (MIRA 13:6)
(Electroplating) (Bus conductors (Electricity))

IVANCHENKO, O.N., inzh.

Tolerance in the control parameters of cylindrical coil-type springs. Vest.elektroprom. 32 no.8:71-74 Ag '61. (MIRA 14:8)
(Springs (Mechanism))

IVANCHENKO, O.N., inzh.

Relationship between allowances for rated parameters of springs.
Vest.mash. 41 no.8:38-39 Ag '61. (MIRA 14:8)
(Springs (Mechanism))

IVANCHENKO, O.N., inzh.

Effect of the fixing of tension-spring ends in plates on the characteristics of the spring. Vest.mash. 41 no.11:41-42 N '61. (MIRA 14:11)

(Springs (Mechanism))

IVANCHENKO, O.N., inzh.

Effect of idle coils on the characteristics of springs. Vest. elektroprom. 33 no.6:70-72 Je '62. (MIRA 15:7)
(Springs (Mechanism))

S/122/63/000/002/005/012
D262/D308

AUTHOR: Ivanchenko, O. N., Engineer

TITLE: Effect of end coils on rigidity of coil springs

PERIODICAL: Vestnik mashinostroyeniya, no. 2, 1963, 37-39

TEXT: Various methods of end fixings of tension and compression springs are presented and stress conditions discussed. Deformation of the end coils of the tension spring is presented as a derivative of the potential energy accumulated during their deformation; it equals approximately:

$$F = \frac{4PD^3}{Gd^4} \qquad (5)$$

This applies to the majority of end fixings. For compression springs with the number of coils $2 \leqslant n \leqslant 7$ an ampirical formula is proposed:

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Effect of end coils ...

$$P = \frac{Gd^4}{8D^3} \cdot \frac{F}{n + \Delta n} \qquad (9)$$

(where Δn is the correction for the number of coils, for which a graph is given). It can be used in practice for correcting the initial results obtained by the standard formula. There are 5 figures.

Card 2/2

IVANCHENKO, O.N., inzh.; PETRAKOVSKAYA, M.I., inzh.; GUMENYUK, A.D., inzh.

Heat treatment of fastenings. Mashinostroenie no.4:72-73 Jl-Ag '64. (MIRA 17:10)

MATVEYEVA, T.S.; IVANCHENKO, O.V.

Prolonged development of a melanoma with metastasis into the brain; clinicomorphological observation. Zhur. nerv. i psikh. 64 no.8:1132-1135 '64. (MIRA 17:12)

1. Institut mozga (dirketor - prof. S.A. Sarkisov) AMN SSSR, laboratoriya patologii nervnoy sistemy cheloveka (zaveduyushchiy - prof. L.A. Kukuyev), Moskva.

MALINOVSKIY, V.A., prof., doktor tekhn.nauk; IVANCHENKO, O.Ya., inzh.;
IVANOV, G.P., inzh.

Flotation and gravitation method of high-sulfur coal preparation.
Obog.i brik. ugl. no.21:66-74 '61. (MIRA 16:5)
(Coal preparation)

IVANCHENKO, Ye.F. [Ivanchenko, E.F.], inzh.; IVANCHENKO, O.Ya., inzh.

Combine loader which automatically follows the ground surface.
Mekh. sil'. hosp. 14 no.6:28 Je '63. (MIRA 17:3)

IVANCHENKO, O.Ya., inzh.; IVANOV, G.P.

Preparation of coarse slime at the Donets Central Preparation Plant. Obog.i brik.rgl. no.30:36-44 '63. (MIRA 17:4)

IVANCHENKO, P. L.

Ivanchenko, P. L. - "In memory of F. M. Porodko, (Biologist, 1877-1948)," Signatures: N. A. Savchuk, P. L. Ivanchenko, Ye. T. Malenvannyy (and others), Trudy Odes. gos. un-ta im. Mechnikova, Vol IV, 1949, p. 165-66, with portrait

SO: U-5240, 17, Dec. 53, (Letopis 'Zhurnal 'nykh Statey, No. 25, 1949).

IVANCHENKO, P. L.

Ivanchenko, P. L. Vvedenie v biologiyu (Introduction to Biology) Moscow: Soviet Sci. 1951 370 pp.

IVANCHENKO, P.L., professor; PARSADANOVA, K.G., redaktor; GUBER, A., tekhnicheskiy redaktor.

[Introduction to biology] Vvedenie v biologiiu. Izd. 2-e. Moskva, Gos. izd-vo "Sovetskaia nauka," 1954. 358 p. (MLRA 8:4)
(Biology)

IVANCHENKO, Prokofiy Leont'yevich, prof. Prinimal uchastiye MASHTALER, G.A.[Mashtaler, H.A.], doktor biol. nauk prof.; KRAVETS, G.K., red.

[A course in Darwinism] Kurs darvinizmu. Kyiv, "Radians'ka shkola," 1962. 351 p. (MIRA 17:4)

ORLOV, Anatoliy Nikolayevich; IVANCHENKO, P.M. retsenzent; SINICHENKO, L.M., redaktor; MEDVEDEVA, [illegible], tekhnicheskiy redaktor.

[Operation of the WShM semiautomatic glass press] Rabota na stekloformuiushchikh poluavtomatakh VShM. Moskva, Gos.nauchno-tekhn.izd-vo Ministerstva promyshl. tovarov shirokogo potrebleniia SSSR, 1955. 201 p.
(Glass manufacture) (MLRA 8:10)

KUCHERSKAYA, F.R.; BORISOVA, T.I.; MITYUSHIN, I.I.; IVANCHENKO, P.M., red.; ZAYTSEVA, T.M., red.; KOGAN, V.V., tekhn.red.

[Efficient methods of manufacturing blown stemware] Ratsional'nye sposoby vyrabotki stekliannykh vyduvnykh izdelii na noshke. Moskva, Gos. nauchno-tekhn.izd-vo M-va tekstil'noi promysbl. SSSR, 1957. 51 p. (MIRA 12:3)

1. Russia (1923- U.S.S.R.) Ministerstvo legkoy promyshlennosti. Tekhnicheskoye upravleniye. Byuro tekhnicheskoy informatsii. 2. Sotrudnik Vsesoyuznogo nauchno-issledovatel'skogo instituta steklovolokna Ministerstva legkoy promyshlennosti SSSR (for Kucherskaya, Borisova, Mityushin).
(Glass blowing and working)

IVANCHENKO, Pavel Nikolayevich, kand. tekhn. nauk; SAVEL'YEV, Nikolay Mikhaylovich, inzh.; SHAPIRO, Boris Zakharovich, inzh.; VOVK, Vasiliy Grigor'yevich, inzh.; BELYAKOV, V.A., kand. tekhn. nauk, dots., retsenzent; YURKEVICH, M.P., inzh., red. izd-va; SHCHETININA, L.V., tekhn. red.

[Electromechanical transmissions; theory and design] Elektromekhanicheskie peredachi; teoriia i raschet. Pod red. P.N. Ivanchenko, Moskva, Mashgiz, 1962. 431 p. (MIRA 15:6)
(Motor vehicles—Transmission devices)
(Electric driving)

GUREVICH, A.M.; IVANCHENKO, P.S.

[Manual for the "Stalinets-80" tractor operator] Pamiatka traktoristu po traktoru "Stalinets-80". [Stalingrad] Stalingradskoe knizhnoe izd-vo, 1955. 303 p.
(Tractors) (MLRA 9:11)

YEVSYUKOV, I.; IVANCHENKO, S.

They will be expert miners. Mast.ugl. 5 no.11:13-15 N '56.
(MLRA 10:1)

1. Brigadir kombaynovoy brigady shakhty no.5-bis "Trudovskaya" v Stalinskoy oblasti (for Yevsyukov). 2. Gornyy master vnutrishakhtnogo transporta shakhty no.5-bis "Trudovskaya" v Stalinskoy oblasti (for Ivanchenko).

(Coal miners)

IVANCHENKO, S.

Soviet and Polish collaboration in the accounting field. Bukhg. uchet. 14 [i.e. 16] no.8:54-56 Ag '57. (MLRA 10:8)
(Poland--Accounting)

IVANCHENKO, S.; KASHPUR, A.; SHESTAKOV, V.

Mechanizing the administrative work. Sots. trud 6 no.8: 66-68 Ag '61. (MIRA 14:8)
(Ukraine--Machine accounting)

ROZENBAUM, T.Ya.; IVANCHENKO, S.B.

Drying bulk food products in a flash dryer. Sakh. prom. 35 no.8:25-28 Ag '61. (MIRA 14:8)

1. Odesskiy tekhnologicheskiy institut pishchevoy i kholodil'noy promyshlennosti.
(Drying apparatus)

IVANCHENKO, S.B.; ROZENBAUM, T.Ya.

Drying tomato seeds and other loose food products by a lowering of pressure. Izv. vys. ucheb. zav.; pishch. tekh. no.3:64-68 '58. (MIRA 11:9)

1. Odesskiy tekhnologicheskiy institut pishchevoy i kholodil'noy promyshlennosti, Kafedra protsessov i apparatov.
(Food--Drying)

ROZENBAUM, T.Ya.; IVANCHENKO, S.B.

Flash dryer for drying tomato seeds. Kons.i ov.prom. 16 no.1:18-20 Ja '61. (MIRA 13:12)

1. Odesskiy tekhnologicheskiy institut pishchevoy i kholodil'noy promyshlennosti.
(Tomatoes--Drying)

IVANCHENKO, S.B.

Investigating the pressure and temperature fields in the cylinder flash dryer. Izv.vys.ucheb.zav.; pishch. tekh. no.3:114-119 '63. (MIRA 16:8)

1. Odesskiy tekhnologicheskiy institut pishchevoy i kholodil'noy promyshlennosti, kafedra protsessov i apparatov pishchevykh proizvodstv.

(Drying apparatus—Testing)

IVANCHEV, S.S.; GALIBEY, V.I.; YUIZHENKO, A.I.

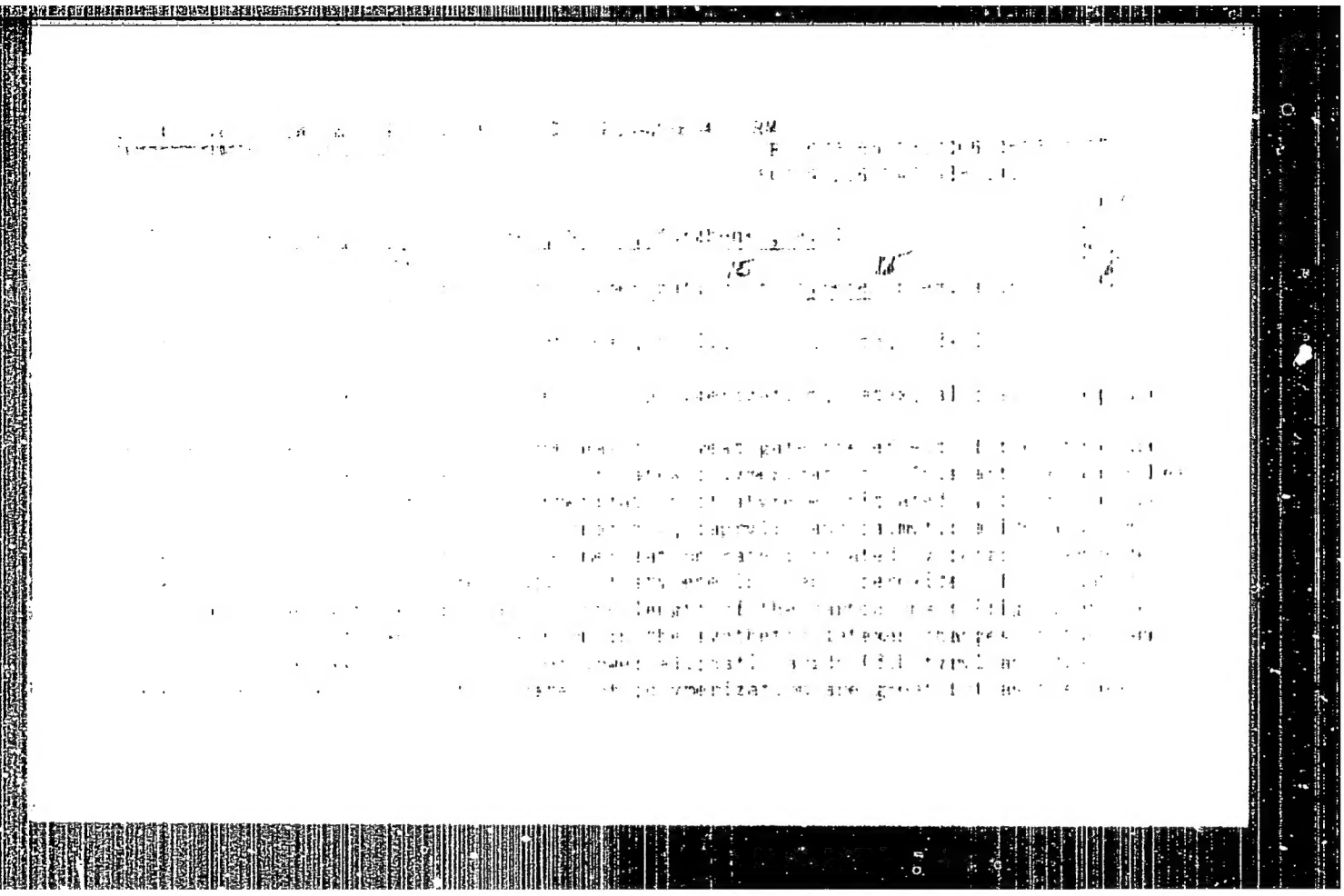
Characteristics features of styrene polymerization at advanced stages of conversion initiated by diacyl peroxides. Vysokom. soed. 7 no.1:74-79 Ja '65. (MIRA 18:5)

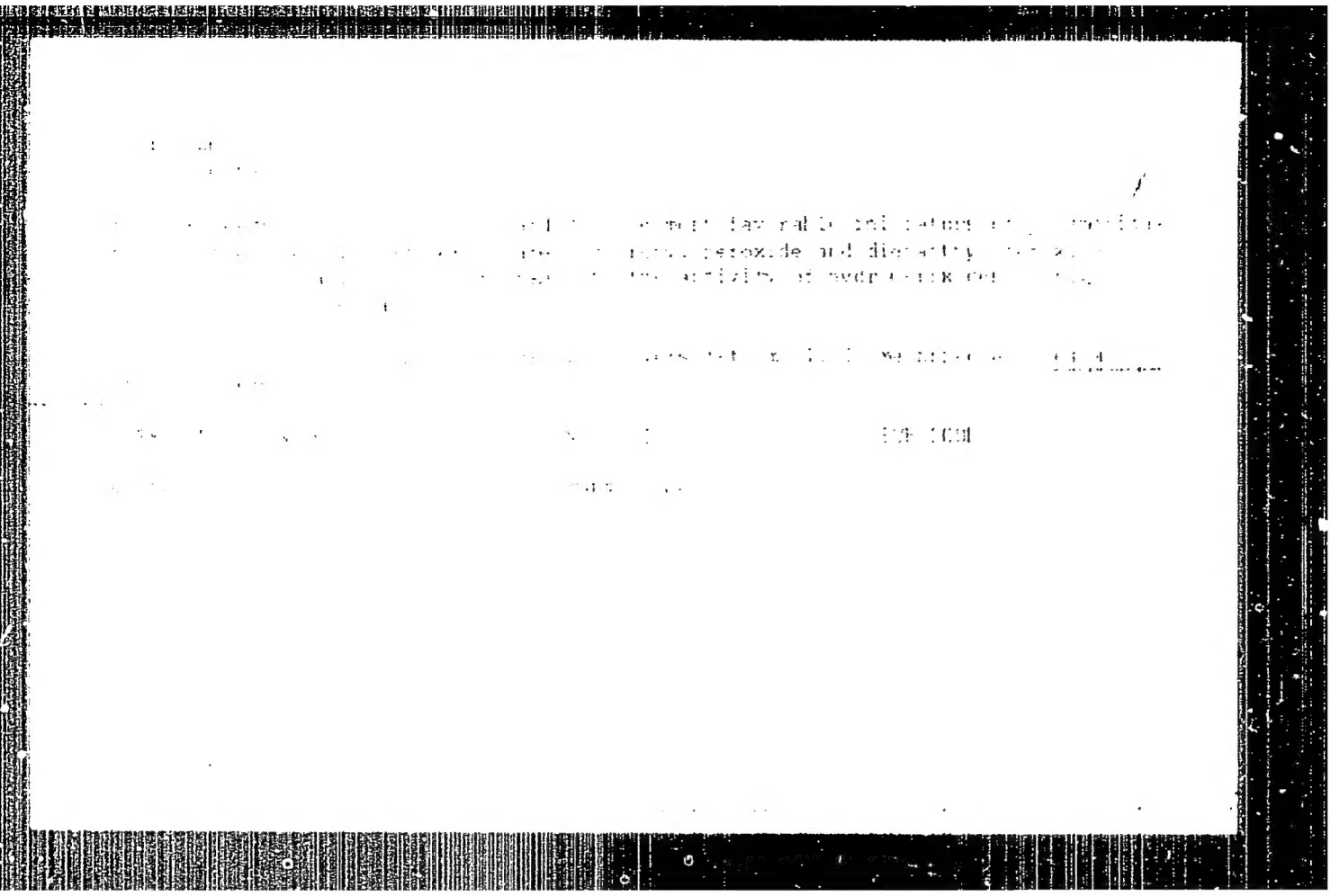
1. Odesskiy gosudarstvennyy universitet imeni Mechnikova.

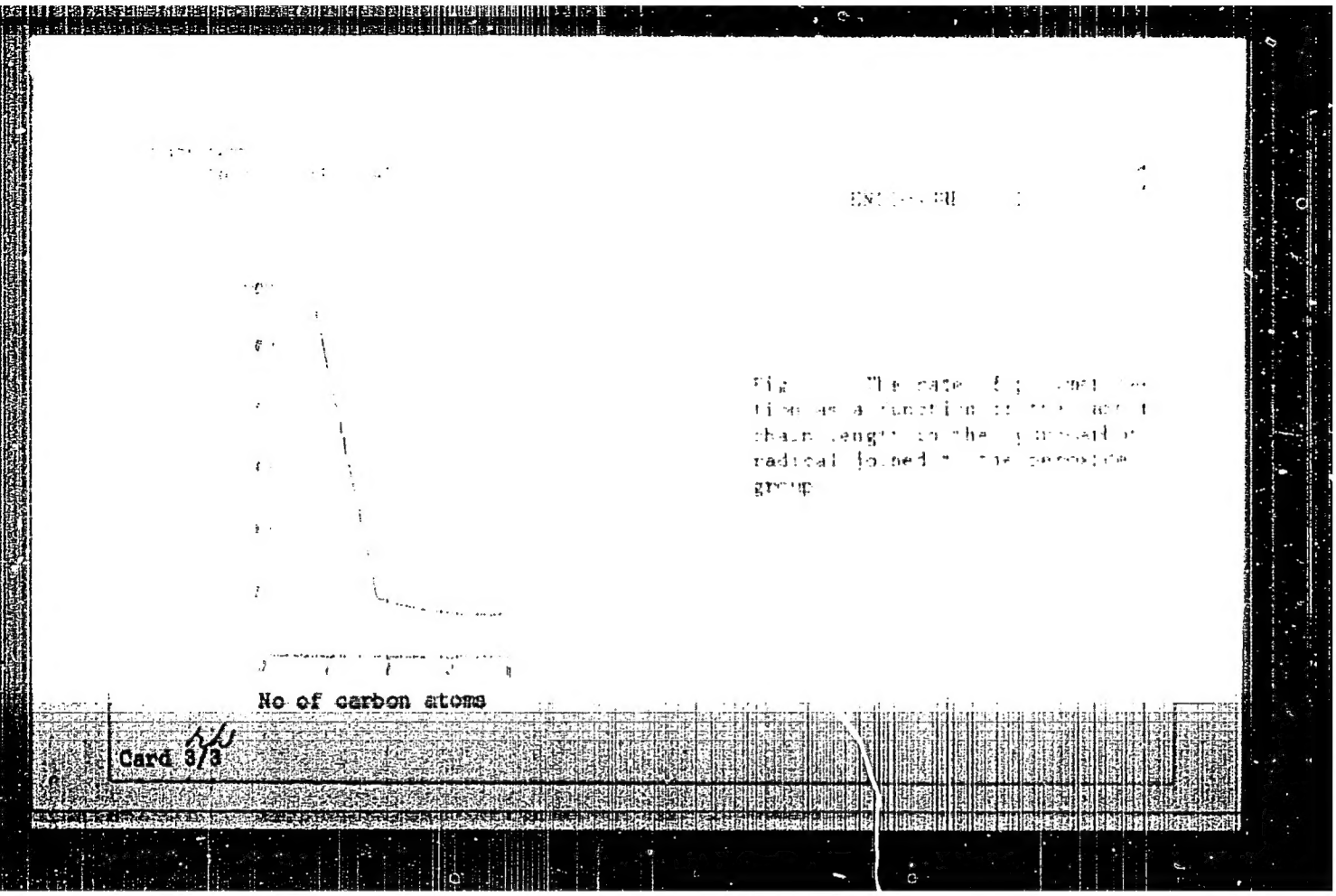
IVANCHEV, S.S.; YURZHENKO, A.I. [IUrzhenko, O.I.]; ANISIMOV, Yu.N. [Anisimov, IU.M.]

Infrared spectra of symmetrical diacyl peroxides. Dop. AN URSR no.8:1063-1066 '65. (MIRA 18:8)

1. Odesskiy gosudarstvennyy universitet.







IVANCHENKO, S.T., kand.ekon.nauk; RYABCHENKO, I.Ya., kand.tekhn.nauk; STARKOV, N.I.

Improving the planning of coal costs. Ugol' Ukr. 4 no.12:36-37 D '60. (MIRA 13:12)

(Coal--Costs)